

产品名称: CHST13 Rabbit Polyclonal Antibody
产品货号: APRab08786



产品概述 (Summary)

产品名称 (Production Name)	CHST13 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CHST13
别名 (Alternative Names)	CHST13; Carbohydrate sulfotransferase 13; Chondroitin 4-O-sulfotransferase 3; Chondroitin 4-sulfotransferase 3; C4ST-3; C4ST3
基因 ID (Gene ID)	166012.0
蛋白 ID (SwissProt ID)	Q8NET6.The antiserum was produced against synthesized peptide derived from human CHST13. AA range:211-260

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	39kDa

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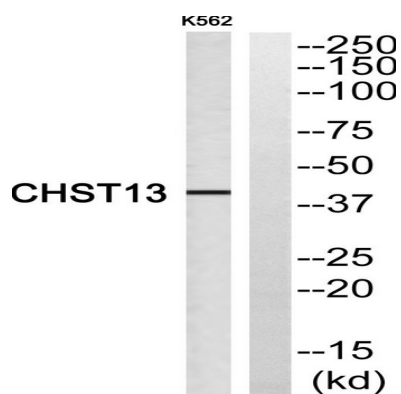
研究背景 (Background)

The protein encoded by this gene belongs to the sulfotransferase 2 family. It is localized to the golgi membrane, and catalyzes the transfer of sulfate to the C4 hydroxyl of beta-1,4-linked N-acetylgalactosamine (GalNAc) flanked by glucuronic acid residue in chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. [provided by RefSeq, Aug 2011], catalytic activity: 3'-phosphoadenylyl sulfate + chondroitin = adenosine 3',5'-bisphosphate + chondroitin 4'-sulfate., function: Catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Transfers sulfate to the C4 hydroxyl of beta1,4-linked GalNAc that is substituted with a beta-linked glucuronic acid at the C-3 hydroxyl. No activity toward dermatan., similarity: Belongs to the sulfotransferase 2 family., tissue specificity: Highly expressed in adult liver. Expressed at lower level in kidney, lymph nodes and fetal kidney.,

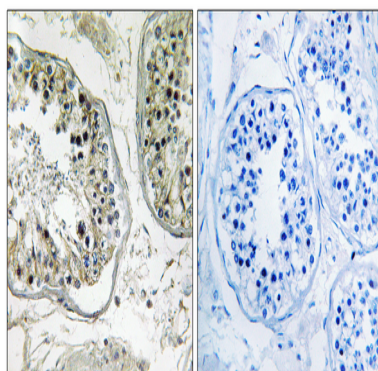
研究领域 (Research Area)

Chondroitin sulfate biosynthesis; Sulfur metabolism;

图片 (Image Data)



Western blot analysis of CHST13 Antibody. The lane on the right is blocked with the CHST13 peptide.

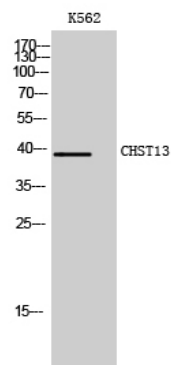


Immunohistochemistry analysis of paraffin-embedded human testis, using CHST13 Antibody. The lane on the right is

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blocked with the CHST13 peptide.



Western Blot analysis of K562 cells using CHST13 Polyclonal Antibody

注意事项 (Note)

For research use only .